

IN THE CLAIMS

PLEASE AMEND THE CLAIMS AS FOLLOWS:

1. (currently amended) An integrated point-of-care system comprising:

a bed structure which includes a mattress and four wheels for supporting the entire body of a patient, the bed structure having a mattress positioned on a support structure for supporting the entire body of the patient;

[[a]] one or more medical monitoring devices configured to monitor patient information for a patient;

[[a]] one or more a medical care devices configured to provide medical care to the patient;

an interactive computing system configured to receive patient information from the medical monitoring devices, transmit the patient information to a central data repository, interpret the patient information and display the patient information on a display device for health care providers and administrative personnel, ~~automatically~~ transmit control instructions to the medical care devices located with the patient on the structure to control the medical care to the patient based on the patient information, generate, ~~based on medical logic rules and the patient information,~~ decision-making options for providers based on medical logic rules including artificial intelligence, and display decision support research data to enhance provider decision making health care personnel, ~~provide the decision-making options for display, and exchange data with a central data repository through a communication network, wherein the computing system is further configured to apply virtual medical logic based on patient information and research data to generate decision making options for health care personnel, then provide the decision-making options for display; and~~

the bed structure being a single mobile unit single structure configured to support the patient's weight, the mattress, the medical monitoring devices, the medical care devices, and the interactive computing system that receives, transmits, interprets, and displays information about the patient and controlling the devices which provide care to the patient

~~transport the patient the medical monitoring device, the medical care device, and the computing system together.~~

2. (original) The integrated point-of-care system of claim 1 wherein the patient information comprises vital signs of the patient.
3. (currently amended) The integrated point-of-care system of claim 1 wherein the structure comprises a bed mattress and frame configured to support the patient.
4. (original) The integrated point-of-care system of claim 1 wherein the medical care device is configured to administer a medication to the patient.
5. (original) The integrated point-of-care system of claim 1 further comprising a power supply configured to supply power to the medical care device and the medical monitoring device.
6. (original) The integrated point-of-care system of claim 5 wherein the power supply comprises a battery.
7. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises a display device configured to display the control instructions or patient information.
8. (currently amended) The integrated point-of-care system of claim 7, wherein the display device comprises a flat-screen touch panel configured to allow user input for controlling the operation of the medical care device or the medical monitoring device, the display device having a screen size of at least seventeen inches in length.
9. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises a keyboard.

10. (original) The integrated point-of-care system of claim 1 wherein the communication network is wireless.
11. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises a memory storage system configured to store the patient information or control instructions.
12. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises an identification device configured to identify a person.
13. (original) The integrated point-of-care system of claim 12, wherein the identification device comprises a fingerprint recognition device.
14. (original) The integrated point-of-care system of claim 12, wherein the identification device comprises a voice recognition device.
15. (original) The integrated point-of-care system of claim 12, wherein the identification device comprises a visual recognition device.
16. (original) The integrated point-of-care system of claim 1 further comprising a camera configured to generate a visual image.
17. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises a barcode reader.
18. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises a communication interface configured to communicate with the Internet.

19. (original) The integrated point-of-care system of claim 1 wherein the computing system further comprises a communication interface configured to communicate with a television service provider.

20. (original) The integrated point-of-care system of claim 1 further comprising a plurality of wheels mounted on the bottom of the structure to facilitate transport of the patient and the medical devices.

21. (original) The integrated point-of-care system of claim 1 further comprising a radiant warming device mounted on the structure to warm the patient.

22. (currently amended) A method of operating an integrated point-of-care system comprising the steps of:

supporting the entire body of a patient, a computing system, [[a]] medical care devices, and [[a]] medical monitoring devices by using a single structure, the single structure configured to allow the integrated point of care system to operate as a mobile point of care device as a single unit;

receiving patient information from the medical monitoring device into the computing system;

interpreting the received patient information;

~~automatically transmitting~~ accepting control instructions from a provider, the instructions to be transmitted to the medical care device through the computing system to provide medical care to the patient based on the patient information;

transmitting control instructions to medical devices;

~~generating, based on medical logic rules and the patient information, decision-making options for health care personnel;~~

applying virtual medical logic based on patient information and research data to generate diagnostic and therapeutic decision-making options for providers based on medical logic health care personnel,

providing the decision-making options for display;

executing the therapeutic options;

exchanging data between the computing system and a central data repository through a communication network; and

transporting the patient, the medical monitoring device, the medical care device, and the computing system together by using the single structure.

23. (original) The method of claim 22 further comprising the step of displaying the patient information.

24. (original) The method of claim 22, further comprising the step of identifying a person authorized to operate the computing system by using an identification device.

25. (original) The method of claim 22, further comprising the step of identifying the patient by using an identification device.

26. (original) The method of claim 22, further comprising the step of identifying a medication to be administered to the patient by using an identification device.